2023 Annual Report

NICO Project

Water Licence	W2008L2-0004
Land Use Permit	W2023C0001
Date	April 30, 2024

EXECUTIVE SUMMARY

This report was prepared to satisfy Part B, Item 9 of Type A Water License W2008L2-0004 issued by the Wek'èezhìi Land and Water Board. The report summarizes activities undertaken and the data and information generated under the Surveillance Network Program (SNP) at Fortune Minerals Limited NICO Project site in 2023, located approximately 50 kilometres northeast of Whatì and 70 kilometres southeast of Gametì in the Northwest Territories. The NICO site is also subject to Type A Land Use Permit W2023C0001.

The NICO Project camp site has been closed since September 15, 2013. The site remains unoccupied.

In 2023, due to limitations from the fire season and closures, the camp was opened on one occasion. The camp was open from August 1-3 with two Fortune employees present for the duration. During this time the following was completed: a detailed inspection of all facilities at site; packing of ore for transport for possible use in test work to optimize the process flow sheet for both bismuth and cobalt; a site-wide spill inspection; camp maintenance and equipment repairs; and collection of water quality samples from SNP stations 5-2 and 5-5.

In 2021, an unauthorized discharge due to damage by a bear to the generator fuel line was found to have occurred. An estimated 300L of diesel was lost to the ground under the generator shack. Limited excavations and clean-up were undertaken in 2021. Due to the potential for compromising the structural supports of the shack not all the soil under the shack was removed. In 2022, a trench was dug below the generator shack to check if any diesel fuel had seeped below the initial site of contamination. No sign of diesel was detected and therefore remediation efforts were focused on the area immediately under the shack. In 2022, *in situ* remediation of any potentially remaining diesel was undertaken using non-invasive techniques i.e. addition of slow-release fertilizer. In 2023, the area was inspected. No sign of diesel was detected. On kilogram of additional slow-release fertilizer was added in an abundance of caution to ensure complete remediation of any potentially remaining diesel. One small spill was created during the repair of the hydraulic lines on the loader it was immediately cleaned-up.

The land farm is operational again. In 2023 one 5-gallon pail (0.022 m^3) of contaminated material was added to the land farm.

The timing of mine development activities during 2024 and into 2025 depends on the financing for the project. Until financing arrangements are finalized, activities at site will be limited to those outlined in the new land use permit W2023C0001 and the current water license requirements.

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1.0 INTRODUCTION

The NICO Project is currently an advanced exploration site that is proposed to be a polymetallic mine (cobalt, gold, bismuth, copper) 100% owned by Fortune Minerals Limited (Fortune). It is located in the Northwest Territories approximately 50 kilometres (km) north of Whatì and 70 km southeast of Gametì, at 63° 33' north latitude and 116° 45' west longitude.

This annual report was prepared to satisfy Part B, Item 9 of Type A Water License W2008L2-0004 (Amendments on December 19, 2019) issued by the Wek'èezhìi Land and Water Board (WLWB). The report summarizes activities undertaken and the data and information generated under the Surveillance Network Program (SNP) at the NICO Project site in 2023. The NICO Project site is also subject to Type A Land Use Permit (LUP) W2023C0001.

1.1 Reporting Requirements

Under Part B, Item 9 of the water license, the annual water license report must provide the following information listed in Schedule 1 Item 1:

a) Tabular summaries of all data and information generated under the Surveillance Network Program (SNP) and graphical summaries of parameters in the effluent quality criteria under Part H at the points of compliance (SNP Stations 1 and 2) in Excel or an electronic and printed format acceptable to the Board. The Licensee shall provide raw data in electronic form upon request by the Board.

Management Plan and Activities

b) a summary of Construction and mining activities for the previous year;

c) a summary of all work carried out under the approved Co-Disposal Facility Management Plan (required as per Part H, Item 11) during the previous calendar year including:
    i) the monthly and annual quantities, in cubic metres and tonnes, of each type of Waste Rock placed in the Co-Disposal Facility as part of the perimeter dyke, the Seepage collection pond dams, or co disposed with tailings:
    ii) the monthly and annual quantities, in cubic metres and tonnes, of tailings placed in the co-Disposal Facility either within cells or co-disposed with Waste Rock;
    iii) updated documentation on the on-going construction of the Co-Disposal Facility, including as-built drawings, locations of each type of Waste Rock, documentation of field decisions that deviate from the Final Design Report of the Co-Disposal Facility Management Plan, and any data used to support these decisions;
    iv) a summary and interpretation of monitoring results including any exceedances of Action Levels described in the Co-Disposal Management Plan, and;
    v) a description of actions taken in response to any Action Level Exceedance under the Co-Disposal Management Plan.

d) A summary of all work carried out under the approved Geochemical Characterization and Management Plan during the previous calendar year including:

i) A comparison of the annual quantities of each type of Waste Rock generated to the quantities predicted in the approved Geochemical Characterization and Management Plan;
ii) A summary and interpretation of results from the geochemical monitoring performed under the approved Geochemical Characterization and management Plan, referred to in Schedule 6, Item 3;
iii) A summary of results from investigations or activities related to field test cells;
iv) A summary and interpretation of water quality monitoring results for each of the main source areas (CDF, open pit, underground workings, and camp pad) and how these compare to predicted values;
v) A summary of any exceedances of the Action Levels described in the Geochemical Characterization and Management Plan;
vi) A description of actions taken I response to any Action Level exceedances under the Geochemical Characterization and Management Plan; and,
vii) Any geochemical inspection reports from the preceding year, as appendices to the Annual Water Licence Report.

e) A summary of all work carried out under the approved Water Management Plan (required as per Part H, Item 7) during the previous calendar year including:
    i) monthly and annual quantities, in cubic metres, of treated Sewage effluent from the Sewage treatment plant;
    ii) monthly and annual estimates and measurements of flow at SNP Stations 1 through 12 and 16 through 18;
    iii) monthly and annual quantities, in cubic metres, of water removed from Lou Lake;
    iv) monthly elevations of water during the open-water season for Lou Lake, Nico Lake, Peanut Lake and Burke Lake;
    v) monthly elevations of water in the Co-Disposal Facility and the surge pond;
    vi) monthly and annual quantities, in cubic metres, of water and Wastewater pumped into the surge pond from all sources;
    vii) monthly and annual quantities, in cubic metres, of all Discharges from the effluent treatment facility;
    viii) monthly and annual quantities, in cubic metres, of any minewater pumped from the open pit and the underground mine;
    ix) a comparison of water and Wastewater quantities measured in the year to the water balances predicted for that year in the approved Water Management Plan, and an explanation of any significant differences between predictions and actual measurements;
    x) a summary of updates or changes to the process or facilities required for the management of water and Wastewater;
    xi) a summary and interpretation of monitoring results including any exceedances of the Action Levels describer in the Water Management Plan; and,

xii) a description of actions taken in response to any Action Level exceedances under the Water Management Plan.

f) A summary of all work carried out under the approved Waste Management Plan (required as per Part H, Item 5) during the previous calendar year;
g) A summary of all work carried out under the approved Erosion and Sediment Control Plan (required as per Part H, Item 8) during the previous year;
h) A summary and interpretation of monitoring results performed under the Explosives Management Plan (required as per Part H, Item 10) including any exceedances of the Action Levels and a description of actions taken;
i) A summary of all Modification work undertaken during the previous calendar year in accordance with Part G;

Spills and Unauthorized Discharges

j) A list and description, including date, spill number, volume, location, and summary of the circumstances and follow-up action taken for all spills and Unauthorized Discharges;
k) An outline of any spill training and communications exercises carried out;

Other Reporting Requirements

l) A CWTS Investigations Report, addressing the investigations referred to in Part f, Items 16 through 23, including but not limited to:
    i) A summary of activities that occurred in the previous year;
    ii) Study results;
    iii) Analysis and interpretation;
    iv) A description of whether there is sufficient quantity and representative quality of Co-Disposal Facility Seepage to initiate construction of the Constructed Wetland Treatment Systems;
    v) A proposed timeline for when the demonstration-scale CWTS and full-scale CWTS should be constructed;
    vi) Conclusions; and,
    vii) A description of the activities planned for the upcoming year.
m) a table detailing all commitments related to water use and the deposit of Waste made during the Environmental Assessment, with descriptions of how each commitment is being or has been met;
n) an update to the schedule for Construction and mine development; and,
o) any other details on water use or Waste disposal required by the Board by November 1 of the year being reported.

The Surveillance Network Program (SNP) under license W2008L2-2004 was amended on December 19, 2019 to change the frequency of SNP station 5-2 from monthly to quarterly during the open water season beginning in 2020.

1.2 Surveillance Network Program

1.2.1 Sampling and Analysis

With reference to information requirement Part D of Condition 8, of the amended water license, and modifications described above, the SNP involves regular sampling of water from the following stations, when applicable as described below. These SNP stations are not currently being sampled.

Station	Description	Status
SNP_01	Outflow from Sewage treatment plant prior to Discharge or to mixing with effluent treatment facilities	Active
SNP_02	Final Effluent control station, before Discharge of effluent to Peanut Lake	*Inactive*
SNP_03	Outflow from effluent treatment facilities prior to mixing with Sewage	*Inactive*
SNP_04	Co-Disposal Facility Seepage Pond	*Inactive*
SNP_05	Co-Disposal Facility Seepage Pond	*Inactive*
SNP_06	Co-Disposal Facility Seepage Pond	*Inactive*
SNP_07	Co-Disposal Facility Seepage Pond	*Inactive*
SNP_08	Co-Disposal Facility Seepage Pond	*Inactive*
SNP_09	Emergency Containment Area	Active
SNP_10	Open Pit	*Inactive*
SNP_11	Reclaim Pond	*Inactive*
SNP_12	Surge Pond	Active
SNP_13	Peanut Lake: Mixing Zone	*Inactive*
SNP_14	Peanut Lake: Mixing Zone	*Inactive*
SNP_15	Peanut Lake: Mixing Zone	*Inactive*
SNP_16	Inlet Peanut Lake (NE)	Active
SNP_17	Outlet Peanut Lake	Active
SNP_18	Outlet Nico Lake	Active
SNP_19	Water Intake Location at Lou Lake	Active
SNP 5-2	Seepage from underground mine portal	Active
SNP 5-5	Water quality in Lou Lake	Active

The sampling requirements and frequency for active stations, when applicable, are shown below. These SNP stations are not currently being sampled.

Station	Requirements	Frequency
SNP_01	Flow, field test[1]	Continuously
	nutrients[2], BOD, organics[3], pH, TSS, E. *coli* and faecal coliform	Weekly
	total metals[4], dissolved metals[5], physical parameters[6], major ions[7]	Monthly
SNP_09	Flow, field test[1]	Continuously (when water present)
	nutrients[2], organics[3], TSS, total metals[4], dissolved metals[5], physical parameters[6], major ions[7]	Monthly (when water present)
SNP_12	Flow, field test[1]	Continuously (when water present)
	nutrients[2], organics[3], TSS, total metals[4], dissolved metals[5], physical parameters[6], major ions[7], BOD, E. *coli*, Microcystin-LR	Monthly (when water present)
SNP_16	Flow, field test[1]	Once per season (surface)
	nutrients[2], organics[3], TSS, total metals[4], dissolved metals[5], physical parameters[6], major ions[7], BOD, E. *coli*, Microcystin-LR	Once per season
SNP_17	Flow, field test[1]	Once per season (surface)
	nutrients[2], organics[3], TSS, total metals[4], dissolved metals[5], physical parameters[6], major ions[7], BOD, E. *coli*, Microcystin-LR	Once per season
SNP_18	Flow, field test[1]	Once per season (surface)
	nutrients[2], organics[3], TSS, total metals[4], dissolved metals[5], physical parameters[6], major ions[7], BOD, E. *coli*, Microcystin-LR	Once per season
SNP_19	Field test[1], nutrients[2], major ions[7]	Monthly (when ice permits) excluding freeze-up & break-up
	organics[3], TSS, total metals[4], dissolved metals[5], physical parameters[6], E. *coli*	Annually

Notes: BOD = biochemical oxygen demand; TSS = total suspended sediments; E. *coli* = *Escherichia coli*

1 = Field Tests include – field multiprobe tests at depth intervals for the following parameters: pH, conductivity, temperature, and dissolved oxygen (mg/L and % saturation)

2 = Nutrients include - total ammonia-N, nitrate-N, nitrite-N, total Kjeldahl nitrogen, orthophosphorus, total phosphorus, total dissolved phosphorus, total and dissolved organic phosphorus, total and dissolved inorganic phosphorus and total organic carbon

3 = Organics include – BTEX (benzene, toluene, ethylene and xylene), total oil and grease, total extractable hydrocarbons, total volatile hydrocarbons F1 (without BTEX) and F2 (without BTEX)

4 = Total metals include – aluminum, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, cesium chromium, cobalt, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, thallium, titanium, uranium, vanadium and zinc

5 = Dissolved metals include - aluminum, antimony, arsenic, barium, beryllium, bismuth, boron, cadmium, cesium chromium, cobalt, copper, iron, lead, lithium, manganese, mercury, molybdenum, nickel, selenium, silver, strontium, thallium, titanium, uranium, vanadium and zinc

6 = Physical Parameters include – pH, temperature, conductivity and turbidity

7 = Major Ions include – hardness, alkalinity, acidity, total dissolved solids, fluoride, sulphate, chloride, total calcium, total magnesium, total sodium, reactive silica, total potassium, nitrate-N, bicarbonate, carbonate, hydroxide and ion balance

Under Part H, Condition 20 of the water license, the effluent quality criteria (EQC) requirements at SNP_01 are as follows:

Parameter	Maximum Average Concentration	Maximum Concentration of any Grab Sample
Biological Oxygen Demand	15 mg/L	25 mg/L
Total Suspended Sediments	15 mg/L	25 mg/L
Escherichia coli	400 cfu/100mL	800 cfu/100mL
Oil and grease	3 mg/L	5 mg/L

Notes: mg/L = milligrams per litre; cfu = cubic feet

Once the effluent treatment facility is commissioned, all Wastewater from the Project that is to be discharged to the Receiving Environment shall be directed to SNP_02 and shall meet the following EQC.

Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration of any Grab Sample (mg/L)
Chloride	200	400
Potassium	496	992
Sulphate	395	790
Ammonia as N	1.34	2.7
Nitrate	2.6	5.2
Aluminum	0.46	0.92
Antimony	0.034	0.07
Arsenic	0.1	0.2
Cobalt	0.02	0.04
Iron	0.46	0.92
Mercury	0.00004	0.00008
Selenium	0.007	0.014
Silver	0.001	0.002
Thallium	0.012	0.024

Notes: mg/L = milligrams per litre

In addition, discharges to the receiving environment must have a pH between 6.0 and 8.5 and have no visible sheen of oil and grease.

The only two stations currently being sampled while the NICO site is in care and maintenance are SNP 5-2 and SNP 5-5 which were transferred from Fortune's previous Water license W2011L2-0002 on January 13, 2017. Fortune made application to the WLWB to change the sampling frequency of SNP station 5-2 to quarterly from monthly. The WLWB approved Fortune's request on December 19, 2019 and the change was made to Type A Water Licence W2008L2-0004. The sampling frequency of SNP 5-2 will match the inspection schedule which has also been reduced to quarterly (see section 2.1). The parameters to be collected for these stations are as follows:

Station	Description	Requirements
SNP 5-2	Seepage from underground mine portal (quarterly to match inspection schedule)	TSS, pH, conductivity, total ammonia, total metals[1], oil and grease
SNP 5-5	Water quality in Lou Lake (when camp is open and sewage system is in use)	TSS, pH, conductivity, total ammonia, TDS, BOD_5, E. *coli*

Notes: TSS = total suspended solids, BOD_5 = 5-day biochemical oxygen demand; E. coli = *Escherichia coli*, TDS = total dissolved solids

1 = Total metals include ICP metal scan of 23 metals

The effluent quality criteria requirements for SNP 5-2 are as follows:

Parameter	Maximum Average Concentration	Maximum Concentration of any Grab Sample
Total Ammonia	12.0	--
Total Arsenic	0.5	1.0
Total Cadmium	0.005	0.01
Total Copper	0.3	0.6
Total Lead	0.2	0.4
Total Nickel	0.5	1.0
Total Zinc	0.5	1.0
Total Suspended solids	15.0	30.0
Oil and Grease	5.0	10.0

Note: All concentrations in milligrams per litre (mg/L).

In addition, discharges to the receiving environment must have a pH between 6.0 and 8.5 and have no visible sheen of oil and grease.

Sampling Requirements for SNP 5-2 and/or SNP 5-5 include:

a) During periods of portal seepage discharge, effluent at SNP 5-2 shall be sampled quarterly starting in 2020.

b) Water at SNP 5-5 shall be sampled monthly during site occupation.

c) More frequent sample collection may be required at the request of an Inspector.

d) All sampling, sample preservation and analyses shall be conducted in accordance with methods prescriber in the current edition of “Standards Methods for the Examination of Water and Wastewater”, or by such other methods approved by an Analyst.

e) All analyses shall be performed in laboratory approved by an Analyst.

f) A quality assurance/quality control plan which includes both field and laboratory requirements shall be submitted to an Analyst for approval not less than 60 days in advance of any sampling conducted.

The following flow measurements are required under the amended water license:

- The monthly quantities of water pumped from SNP Station 5-5 for domestic use.
- The quantities of water in cubic metres discharged from the portal estimated and recorded to the satisfaction of an Inspector.

2 SITE OPERATIONS

2.1 Summary of Activities

The NICO Project camp site has been closed, in care and maintenance, since September 2013 with no major issues associated with any of the site infrastructure. In October 2019, the site inspection schedule was changed to quarterly visits beginning in 2020.

The camp was occupied from August 1 – 3, 2023 by two Fortune staff. During this time ten super sacks were loaded with approximately 1,500 pounds of ore from the ore pile (Photo 1). While collecting the ore from the ore pile the cover of the ore pile was torn (Photo 2). Rocks were used to cover the area and prevent any movement by the tarp.

In addition, maintenance activities and a spill inspection were done, and water quality samples were taken from SNP Station 5-2 and SNP Station 5-5. Maintenance activities of the site completed included:

- The fuel shed was inspected for any leaks from gasoline barrels or jerry cans. No evidence of leakage was found;
- A survey of the camp and facilities;
- The sewage pipe from the camp was checked and the repairs made last year remain in place; and,
- Repairs were complete don the truck, loader and excavator. A spill was created during the repair of the hydraulic lines on the loader (Photo 3). It was immediately cleaned-up and the contaminated material was placed in the land farm (Photo 4).

The staff also re-inspected the previous fuel spill identified in the July 19, 2022 inspection report from the GNWT. Late fall 2021, a bear chewed through the fuel lines that feed the generator. As a consequence, a spill occurred underneath the generator shack which is located on a steep

incline. Complete excavation of the contaminated soil under the shack is currently impossible as it would destabilize the entire building so as much as possible was removed in 2022. To remediate the remaining spill slow-release fertilizer mixed with saw dust was placed on the area across the portion of the soil that could not be excavated to accelerate natural attenuation of the diesel fuel in September 2022. The specific carbon to nitrogen to phosphorus ratio was recommended to Fortune by a Ph.D. student who is completing her PhD in the soils department at the University of Saskatchewan on in-situ remediation of hydrocarbon spills with emphasis on phosphorus cycling in soils. Normally, the diesel fuel acts as the carbon source but exactly how much diesel was underneath the shack was unknown, therefore, fertilizer was mixed with sawdust to act as a secondary carbon source. In August 2023, an inspection of the previous spill area was made. To ensure complete remediation an addition 1.0 kg of slow-release fertilizer was added to the area.

Due to the prolonged fire situation in Yellowknife and accompanying government closure there was no site visit by the GNWT inspector in 2023.

The landfarm was last tested on August 26st, 2015 and the results showed that the landfarm was in compliance with all parameters for fine grained soils. One 5 - gallon pail (0.022 m^3) of contaminated material (hydraulic oil) was added to the landfarm in August 2023.

The site has received regular inspections and no issues have been observed.

2.2 Surveillance Network Program

The NICO Project camp site has been closed since September 15, 2013. Therefore in 2023, sampling for the SNP stations SNP_01, SNP_09, SNP_12, SNP_16, SNP_17, SNP_18, SNP_19 was not possible as the sites either don't exist yet or are not relevant at this time. Therefore, the only active SNP stations, 5-2 and 5-5 will be discussed. Sampling at SNP 5-2 and SNP 5-5 was completed and the results follow.

2.2.1 SNP 5-2

2.2.1.1 Flow and Volume Measurements

In July of 2009, the underground workings had flooded completely beyond the barrier, only a couple of metres below the point at which it would freely discharge. The 2009 annual report contains discussion of this issue and details of the periodic active pumping from the portal following water testing and consultation with the mining inspectors in 2009. Due to the continual demonstration that the water met the discharge criteria, INAC accepted a proposal from Fortune to allow the portal to discharge freely provided ongoing monitoring demonstrated that the quality of water was acceptable. Station SNP 5-2, described in the water license as the mine discharge to the settling ponds, has been interpreted to be the portal discharge or potential discharge.

Discharge flows from SNP 5-2 are not monitored with flow measuring devices (Table 2-1). Flow volume for August is based on observations at the portal on the specific date. Flows from the portal are typically minimal in May. Water is usually only observed to be discharging from the portal area starting in June and ending in late September. The results are tabulated below and broken down by month. The long-term average of 11 m^3/day was used to estimate flow volumes and is likely very conservative.

Table 2-1: SNP 5-2 Flow and Volume Rates for 2023

Month	Discharge – SNP 5-2		
	Sample Date	Daily Rate (m^3/day)	Month Total (m^3/month)
January	-	-	0
February	-	-	0
March	-	-	0[1]
April	-	-	0[1]
May	-	11	341[2]
June	-	11	330[2]
July	-	11	341[2]
August	3	11	341[2]
September	-	11	330[2]
October	-	11	143[1]
November		-	0
December	-	-	0
Annual Average		**11**	
Annual Total	**1**		**1,826**

Notes:
1 = Portal partially frozen with no flow
2 = Estimated based on observation estimate of 11 m^3/day

2.2.1.2 Analytical Results

Water quality sampling at SNP 5-2 was collected for chemical analyses on August 3. Water samples were collected by Fortune personnel in accordance with standard industry protocols, in bottles provided by ALS Environmental Group and in accordance with its handing and preservation protocols. ALS is certified and accredited by the Canadian Association of Environmental Analytical Laboratories operates in compliance with ISO 17025.

The results of the chemical analysis are presented in Table 2-2 and the final report with quality assurance documentation is presented in Appendix A. The sample from the portal met the discharge criteria. The sample had a total ammonia level below the Maximum Average Concentration value of 12.0 mg/L. Arsenic, cadmium, copper, lead, nickel, and zinc concentrations were below their respective Maximum grab limit. The Oil and grease concentration was less than the detection limit of 5 mg/L below the Effluent Quality Criteria for Maximum Concentration of any Grab Sample.

Table 2-2: Analytical Results for SNP Station 5-2 for August 2023

Parameter	Units	EQC		Detection Limit	August 3
		Max. Aver. Conc.	Max. Conc. / Grab		
Physical Tests					
Conductivity (EC)	µS/cm			2.0	349
Hardness (as $CaCO_3$)	mg/L			0.50	158
pH	pH			0.10	8.15
Total Suspended Solids	mg/L	15.0	30.0	3.0	<3.0
Turbidity	NTU			0.10	0.58
Anions and Nutrients					
Ammonia, Total (as N)	mg/L	12.0	--	0.0050	0.0168
Total Metals					
Aluminum (Al)	mg/L			0.0010	0.0050
Antimony (Sb)	mg/L			0.000020	0.00348
Arsenic (As)	mg/L	0.5	1.0	0.000020	0.0725
Barium (Ba)	mg/L			0.000020	0.00944
Beryllium (Be)	mg/L			0.0000050	0.0000265
Bismuth (Bi)	mg/L			0.0000050	0.0000194
Boron (B)	mg/L			0.0050	0.0369
Cadmium (Cd)	mg/L	0.005	0.01	0.0000050	0.0000385
Chromium (Cr)	mg/L			0.00010	<0.00010
Cobalt (Co)	mg/L			0.0000050	0.000948
Copper (Cu)	mg/L	0.3	0.6	0.000050	0.00838
Iron (Fe)	mg/L			0.0010	0.0639
Lead (Pb)	mg/L	0.2	0.4	0.000010	0.000142
Lithium (Li)	mg/L			0.00050	0.00432
Magnesium (Mg)	mg/L			0.0040	9.60
Manganese (Mn)	mg/L			0.000050	0.0115
Molybdenum (Mo)	mg/L			0.000050	0.0152
Nickel (Ni)	mg/L	0.5	1.0	0.000050	0.000849
Phosphorus (P)	mg/L			0.050	<0.050
Potassium (K)	mg/L			0.020	2.66
Selenium (Se)	mg/L			0.000040	0.000433
Silicon (Si)	mg/L			0.050	2.91
Silver (Ag)	mg/L			0.0000050	<0.0000050
Strontium (Sr)	mg/L			0.000020	0.202

Table 2-2: Analytical Results for SNP Station 5-2 for August 2023 (Continued)

Parameter	Units	EQC		Detection Limit	August 3
		Max Aver Conc	Max. Conc. / Grab		
Total Metals					
Sulfur (S)	mg/L			0.50	18.2
Thallium (Tl)	mg/L			0.0000050	0.0000259
Tin (Sn)	mg/L			0.000020	0.000068
Titanium (Ti)	mg/L			0.000050	0.000091
Uranium (U)	mg/L			0.0000010	0.0175
Vanadium (V)	mg/L			0.000050	0.000284
Zinc (Zn)	mg/L	0.5	1.0	0.00050	0.0284
Aggregate Organics					
Oil and Grease	mg/L	5.0	10.0	5.0	<5.0

Notes: EQC = Effluent Quality Criteria; Max. Aver. Conc. = Maximum Average Concentration; Max. Conc. / Grab = Maximum Concentration of any Grab Sample; Sept = September;
CU = colour unit; mg/L = milligrams per litre; NTU = nephelometric turbidity units; µS/cm = microSiemens per centimetre; µg/L = micrograms per litre

2.2.2 SNP 5-5

2.2.2.1 Flow and Volume Measurements

Samples from Lou Lake, SNP station 5-5, are intended to monitor water quality for both drinking water purposes and potential impacts from the camp operations and primarily sewage discharges. Samples were taken each month the camp was occupied (see Table 2-3).

Personnel were onsite from August 1 - 3 for site maintenance. A water quality sample was taken for SNP station 5-5 on August 3. A total of approximately 1.0 m^3 water was taken from Lou Lake by the domestic water system. Sewage/grey water flows were estimated to be 95% of potable water flows. Therefore, in 2023, the total volume of water removed from Lou Lake is calculated to be 0.95 m^3 of water. It is estimated that 0.05 m^3 of sewage/grey water was discharged to the approved sewage disposal location.

Table 2-3: 2023 Water Intake from Lou Lake, SNP 5-5 (Monthly and Annual)

Month	Sample Date	Intake (m^3)
January	-	0
February	-	0
March	-	0
April	-	0
May	-	0
June	-	0
July	-	0
August	3	1.0
September	-	0
October	-	0
November	-	0
December	-	0
Total	**-**	**1.0**

Note: m^3 = cubic metres

2.2.2.2 Analytical Results

The results of the chemical analysis of the sample taken from Station SNP 5-5 in 2023 is presented in Table 2-4 and the final report with quality assurance documentation is presented in Appendix A. The sample had a biological oxygen demand of 6 mg/L and a total coliform sample of 1 MPN/100 ml.

Table 2-4: Analytical Results from SNP 5-5, August 2023

Parameter	Unit	Detection Limit	August 3
Physical Tests			
Total Suspended Solids	mg/L	3.0	<3.0
Total Dissolved Solids	mg/L	10	78
Anions and Nutrients			
Ammonia, Total (as N)	mg/L	0.0050	0.0349
Conductivity (EC)	µS/cm	2.0	94.4
pH	pH	0.10	7.63
Bacteriological Tests			
MPN-Total Coliform	MPN/100mL	1	1.0
Aggregate Organics			
Biochemical Oxygen Demand	mg/L	2.0	6

Notes: mg/L = milligrams per litre; < = less than; µS/cm = microSiemens per centimetre; MPN/100mL = most probable number per 100mL

2.3 Management Plan and Activities

2.3.1 Construction and Mining Activities

No mining activities occurred at the NICO site in 2023.

2.3.1.1 Summary of all work carried out under the approved Co-Disposal Facility (CDF) Management Plan

The CDF Management Plan for the NICO Project has not been approved. The source term modeling for the CDF is currently on hold pending funding.

No activities were undertaken on the CDF in 2023.

2.3.1.2 Summary of all work carried out under the approved Geochemical Characterization and Management Plan

No mining occurred at the NICO site in 2023. The Geochemical Characterization and Management Plan will be submitted to the Board a minimum of 90 days prior to the commencement of Construction.

2.3.1.3 A summary of all work carried out under the approved Water Management Plan (required as per Part H, Item 7) during the previous calendar year including:

Monthly and annual quantities of treated Sewage effluent from the Sewage Treatment Plant

The Sewage Treatment Plant has not been constructed, there was no discharge in 2023.

Flow at SNP Stations 1 through 12 and 16 through 18

The NICO site is currently unoccupied with no activity. Flow at SNP Stations 1 through 12 and 16 through 18 are not currently being monitored.

Monthly elevations of water in the Co-Disposal Facility and the surge pond

The NICO site is currently in care and maintenance with no mining activity.

Monthly and annual quantities, in cubic metres, of water and Wastewater pumped into the surge pond from all sources

There was no water or wastewater pumped into the surge pond in 2023.

Monthly and annual quantities, in cubic metres, of all Discharges from the effluent treatment facility

The Effluent Treatment Facility as not been built so there was no discharge in 2023.

Monthly and annual quantities, in cubic metres, of any minewater pumped from the open pit and the underground mine

There was no mining activity at NICO in 2023. There was no minewater pumped from the underground mine. The open pit has yet to be constructed.

Comparison of water and Wastewater quantities measured in the year to the water balances predicted for that year in the approved Water Management Plan, and an explanation of any significant differences between predictions and actual measurements

The Water Management Plan will be submitted to the Board for approval a minimum of 60 days prior to commencement of Construction.

Summary of updates or changes to the process or facilities required for the management of water and Wastewater

No modifications were made to the existing water and waste facilities in 2023.

Summary and interpretation of monitoring results including any exceedances of the Action Levels describer in the Water Management Plan

There was no mining activity at NICO in 2023. There were no exceedances of Action Level describers in the Water Management Plan. The Water Management Plan will be submitted to the Board for approval a minimum of 60 days prior to commencement of Construction.

Description of actions taken in response to any Action Level exceedances under the Water Management Plan

The Water Management Plan will be submitted to the Board for approval a minimum of 60 days prior to commencement of Construction. There were no exceedances of the Action Levels describer in 2023.

2.3.1.4 A summary of all work carried out under the approved Waste Management Plan (required as per Part H, Item 5) during the previous calendar year

The landfarm was last tested on August 26st, 2015 and the results showed that the landfarm was compliant with all parameters for fine grained soils. In October 2021, the Land Inspectors requested repairs to the land farm berm and underlying liner. The repairs were made, reported to the Inspectors and approved. The land farm is operational again. In August, one 5 – gallon pail of contaminated material was added to the land farm.

The landfarm continues to be operated in accordance with the landfarm management plan.

2.3.1.5 A summary of all work carried out under the approved Erosion and Sediment Control Plan (required as per Part H, Item 8) during the previous year

No material was taken from the quarries under permit number 2021QP0016 during 2023.

2.3.1.6 A summary and interpretation of monitoring results performed under the Explosives Management Plan (required as per Part H, Item 10) including any exceedances of the Action Levels and a description of actions taken

There are no explosives at the NICO site. An Explosives Management Plan will be submitted to the Board for approval a minimum of 60 days prior to the commencement of Open Pit Mining.

2.3.1.7 A summary of all Modification work undertaken during the previous calendar year in accordance with Part G

There was no modification work to Engineered Structures undertaken in 2023.

2.3.2 Spills and Unauthorized Discharges

2.3.2.1 A list and description, including date, spill number, volume, location, and summary of the circumstances and follow-up action taken for all spills and Unauthorized Discharges

In September 2021, one unauthorized discharge of approximately 300 L of diesel fuel into the ground under the generator shack due to bear damage to the generator fuel lines was identified. The spill was reported to the NWT spill report hotline and clean-up of the spill was begun. The generator shack is located on a steep incline. Excavation of all the contaminated soil under the shack that was possible without destabilize the entire building was completed. The focus then was shifted to the portion of the soil directly under or near the shack that could not be excavated.

Further remediation of the spill below the generator shack was undertaken by placing slow-release fertilizer mixed with saw dust on the soil that could not be excavated to accelerate natural attenuation of any potentially remaining diesel fuel. The specific carbon to nitrogen to phosphorus ratio was recommended to Fortune by a Ph.D. student who is completing their PhD in the soils department at the University of Saskatchewan on *in-situ* remediation of hydrocarbon spills with emphasis on phosphorus cycling in soils. Normally the diesel fuel acts as the carbon source but since we cannot know exactly how much diesel is underneath the shack, the solution was mixing the fertilizer with sawdust which will act as a secondary carbon source.

In August, the staff re-inspected the previous fuel spill area. No indication of the spill was apparent but to ensure complete remediation an addition 1.0 kg of slow-release fertilizer was added to the area.

During the camp opening in 2023 site wide inspection for oil/fuel spills was conducted, no spills were identified. A small spill of hydraulic fluid occurred during the repair of the loader. It was immediately cleaned-up and contaminated soil was added to the landfarm.

All contaminated soils were containerized and put into the now operational land farm.

2.3.2.2 An outline of any spill training and communications exercises carried out

There was no training or communications exercises completed at the NICO site in 2023.

2.3.3 Other Reporting Requirements

2.3.3.1 A CWTS Investigations Report, addressing the investigations referred to in Part f, Items 16 through 23.

The source term modeling for the CDF is on hold until further notice. Once the seepage report is submitted Fortune will initiate discussion with the Board on the content and timing of the CWTS report.

2.3.3.2 A table detailing all commitments related to water use and the deposit of Waste made during the Environmental Assessment, with descriptions of how each commitment is being or has been met

All water uses have been reported in monthly and annual reports to the WLWB. No waste has been deposited.

2.3.3.3 An update to the schedule for Construction and mine development

The Fortune Minerals Limited (Fortune) NICO Project camp site has closed since September 15th, 2013 and only sees occasional use. The timing of mine development activities during the remainder of 2023 and into 2024 depends on the financing for the project. Until financing arrangements are finalized, activities at site will be limited to those outlined in the staging area (W2013T0008) land use permit (LUP).

2.3.3.4 Any other details on water use or Waste disposal required by the Board by November 1 of the year being reported

No studies or other details were requested by the board relating to waste disposal, water use or reclamation and no future studies are planned at this time. The Aquatic Baseline Summary Report (ABSR), as required under item 3, Part J: General Conditions Applying to Aquatics Effects Monitoring was submitted in June 18, 2018. Fortune has received comments on the report from the board but is unable to respond currently due to financial constraints.

Reclamation

The site is currently in care and maintenance. A number of activities (e.g., stockpiling of scrap metal and other materials for ultimate off-site disposal) have been completed in accordance with the temporary closure procedures, as proposed in the Closure and Reclamation Plan (CPR) approved by the WLWB in its letter of February 1, 2008.

Closure and reclamation activities completed during 2023 were limited to the maintenance of existing facilities.

Permanent closure and reclamation, as described in the above-noted CRP, would be triggered by a decision to not proceed with full scale mining at NICO. The NICO Project was approved and currently has a water license and land use permit for the mine.

Sue-Dianne Project Site

The Sue-Dianne camp site has now been fully remediated and decommissioned.

3 CLOSURE

Should any questions arise from the information presented in this report, please contact Fortune Minerals Limited.

Report Prepared by: Pat Hayes-Schryer, M.Sc.

Report Reviewed by:

Richard Schryer, PhD. Vice-President of Environmental and Regulatory Affairs

PHOTOGRAPHS

Photo 1 Super Sacks filled with ore

Photo 2 Repaired tear in the ore pile cover

Photo 3 Spill from the repair of the hydraulic lines on the loader

Photo 4 Completed clean-up of the spill with pail of contaminated soil

Appendix A

Surveillance Network Program Chemical Analyses Analytical Results

CERTIFICATE OF ANALYSIS

Work Order	: **YL2300986**	Page	: 1 of 5
Client	: **Fortune Minerals Limited**	Laboratory	: ALS Environmental - Yellowknife
Contact	: Rick Schryer	Account Manager	: Oliver Gregg
Address	: 148 Fullarton Street London ON Canada N6A 5P2	Address	: 314 Old Airport Road, Unit 116 Yellowknife NT Canada X1A 3T3
Telephone	: 306 230 3019	Telephone	: 1 867 445 7143
Project	: ----	Date Samples Received	: 04-Aug-2023 12:15
PO	: ----	Date Analysis Commenced	: 04-Aug-2023
C-O-C number	: 17-824209	Issue Date	: 15-Aug-2023 15:58
Sampler	: ----		
Site	: ----		
Quote number	: YL23-FMIN100-001		
No. of samples received	: 2		
No. of samples analysed	: 2		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QC Interpretive report to assist with Quality Review and Sample Receipt Notification (SRN).

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Janice Leung	Supervisor - Organics Instrumentation	Organics, Burnaby, British Columbia
Lindsay Gung	Supervisor - Water Chemistry	Inorganics, Burnaby, British Columbia
Oliver Gregg	Client Services Supervisor	External Subcontracting, Yellowknife, Northwest Territories
Robin Weeks	Team Leader - Metals	Inorganics, Burnaby, British Columbia
Robin Weeks	Team Leader - Metals	Metals, Burnaby, British Columbia

General Comments

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Refer to the ALS Quality Control Interpretive report (QCI) for applicable references and methodology summaries. Reference methods may incorporate modifications to improve performance.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insufficient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

Please refer to Quality Control Interpretive report (QCI) for information regarding Holding Time compliance.

Key : CAS Number: Chemical Abstracts Services number is a unique identifier assigned to discrete substances

LOR: Limit of Reporting (detection limit).

Unit	*Description*
µS/cm	microsiemens per centimetre
CFU/100mL	colony forming units per hundred millilitres
mg/L	milligrams per litre
NTU	nephelometric turbidity units
pH units	pH units

<: less than.

>: greater than.

Surrogate: An analyte that is similar in behavior to target analyte(s), but that does not occur naturally in environmental samples. For applicable tests, surrogates are added to samples prior to analysis as a check on recovery.

Test results reported relate only to the samples as received by the laboratory.

UNLESS OTHERWISE STATED on SRN or QCI Report, ALL SAMPLES WERE RECEIVED IN ACCEPTABLE CONDITION.

Analytical Results

Sub-Matrix: **Water**
(Matrix: **Water**)

Analyte	CAS Number	Method/Lab	LOR	Unit	Client sample ID	SNP 5-2	SNP 5-5	----	----	----
					Client sampling date / time	03-Aug-2023 10:00	03-Aug-2023 16:00	----	----	----
						YL2300986-001	YL2300986-002	--------	--------	--------
						Result	Result	----	----	----
Physical Tests										
Conductivity	----	E100/VA	2.0	µS/cm		349	94.4	----	----	----
Hardness (as CaCO3), from total Ca/Mg	----	EC100A/VA	0.50	mg/L		158	----	----	----	----
pH	----	E108/VA	0.10	pH units		8.15	7.63	----	----	----
Solids, total dissolved [TDS]	----	E162/VA	10	mg/L		----	78	----	----	----
Solids, total suspended [TSS]	----	E160/VA	3.0	mg/L		<3.0	<3.0	----	----	----
Turbidity	----	E121/VA	0.10	NTU		0.58	----	----	----	----
Anions and Nutrients										
Ammonia, total (as N)	7664-41-7	E298/VA	0.0050	mg/L		0.0168	0.0349	----	----	----
Microbiological Tests										
Coliforms, thermotolerant [fecal]	----	FC-MF/1Y	1.0	CFU/100mL		----	1.0	----	----	----
Total Metals (Undigested)										
Aluminum, total	7429-90-5	E470/VA	0.0010	mg/L		0.0050	----	----	----	----
Antimony, total	7440-36-0	E470/VA	0.000020	mg/L		0.00348	----	----	----	----
Arsenic, total	7440-38-2	E470/VA	0.000020	mg/L		0.0725	----	----	----	----
Barium, total	7440-39-3	E470/VA	0.000020	mg/L		0.00944	----	----	----	----
Beryllium, total	7440-41-7	E470/VA	0.0000050	mg/L		0.0000265	----	----	----	----
Bismuth, total	7440-69-9	E470/VA	0.0000050	mg/L		0.000194	----	----	----	----
Boron, total	7440-42-8	E470/VA	0.0050	mg/L		0.0369	----	----	----	----
Cadmium, total	7440-43-9	E470/VA	0.0000050	mg/L		0.0000385	----	----	----	----
Calcium, total	7440-70-2	E470/VA	0.010	mg/L		47.4	----	----	----	----
Cesium, total	7440-46-2	E470/VA	0.0000050	mg/L		0.0000889	----	----	----	----
Chromium, total	7440-47-3	E470/VA	0.00010	mg/L		<0.00010	----	----	----	----
Cobalt, total	7440-48-4	E470/VA	0.0000050	mg/L		0.000948	----	----	----	----
Copper, total	7440-50-8	E470/VA	0.000050	mg/L		0.00838	----	----	----	----
Gallium, total	7440-55-3	E470/VA	0.000050	mg/L		<0.000050	----	----	----	----
Iron, total	7439-89-6	E470/VA	0.0010	mg/L		0.0639	----	----	----	----
Lanthanum, total	7439-91-0	E470/VA	0.000010	mg/L		0.000032	----	----	----	----
Lead, total	7439-92-1	E470/VA	0.000010	mg/L		0.000142	----	----	----	----
Lithium, total	7439-93-2	E470/VA	0.00050	mg/L		0.00432	----	----	----	----

Analytical Results

Sub-Matrix: Water (Matrix: Water)					Client sample ID	SNP 5-2	SNP 5-5	----	----	----
					Client sampling date / time	03-Aug-2023 10:00	03-Aug-2023 16:00	----	----	----
Analyte	CAS Number	Method/Lab	LOR	Unit		YL2300986-001	YL2300986-002	--------	--------	--------
						Result	Result	----	----	----
Total Metals (Undigested)										
Magnesium, total	7439-95-4	E470/VA	0.0040	mg/L		9.60	----	----	----	----
Manganese, total	7439-96-5	E470/VA	0.000050	mg/L		0.0115	----	----	----	----
Molybdenum, total	7439-98-7	E470/VA	0.000050	mg/L		0.0152	----	----	----	----
Nickel, total	7440-02-0	E470/VA	0.000050	mg/L		0.000849	----	----	----	----
Niobium, total	7440-03-1	E470/VA	0.00010	mg/L		<0.00010	----	----	----	----
Phosphorus, total	7723-14-0	E470/VA	0.050	mg/L		<0.050	----	----	----	----
Potassium, total	7440-09-7	E470/VA	0.020	mg/L		2.66	----	----	----	----
Rhenium, total	7440-15-5	E470/VA	0.0000050	mg/L		<0.0000050	----	----	----	----
Rubidium, total	7440-17-7	E470/VA	0.0000050	mg/L		0.00882	----	----	----	----
Selenium, total	7782-49-2	E470/VA	0.000040	mg/L		0.000433	----	----	----	----
Silicon, total	7440-21-3	E470/VA	0.050	mg/L		2.96	----	----	----	----
Silver, total	7440-22-4	E470/VA	0.0000050	mg/L		<0.0000050	----	----	----	----
Sodium, total	7440-23-5	E470/VA	0.020	mg/L		13.2	----	----	----	----
Strontium, total	7440-24-6	E470/VA	0.000020	mg/L		0.202	----	----	----	----
Sulfur, total	7704-34-9	E470/VA	0.50	mg/L		18.2	----	----	----	----
Tantalum, total	7440-25-7	E470/VA	0.00010	mg/L		<0.00010	----	----	----	----
Tellurium, total	13494-80-9	E470/VA	0.000020	mg/L		<0.000020	----	----	----	----
Thallium, total	7440-28-0	E470/VA	0.0000050	mg/L		0.0000259	----	----	----	----
Thorium, total	7440-29-1	E470/VA	0.0000050	mg/L		0.0000346	----	----	----	----
Tin, total	7440-31-5	E470/VA	0.000020	mg/L		0.000068	----	----	----	----
Titanium, total	7440-32-6	E470/VA	0.000050	mg/L		0.000091	----	----	----	----
Tungsten, total	7440-33-7	E470/VA	0.000010	mg/L		0.00138	----	----	----	----
Uranium, total	7440-61-1	E470/VA	0.0000010	mg/L		0.0175	----	----	----	----
Vanadium, total	7440-62-2	E470/VA	0.000050	mg/L		0.000284	----	----	----	----
Yttrium, total	7440-65-5	E470/VA	0.000010	mg/L		0.000266	----	----	----	----
Zinc, total	7440-66-6	E470/VA	0.00050	mg/L		0.0284	----	----	----	----
Zirconium, total	7440-67-7	E470/VA	0.000010	mg/L		0.000340	----	----	----	----
Aggregate Organics										
Biochemical oxygen demand [BOD]	----	BOD5/1Y	2.0	mg/L		----	6.0	----	----	----
Oil & grease (gravimetric)	----	E567/VA	5.0	mg/L		<5.0	----	----	----	----

Please refer to the General Comments section for an explanation of any result qualifiers detected.

Please refer to the Accreditation section for an explanation of analyte accreditations.

ALS Canada Ltd.

right solutions.
right partner.

QUALITY CONTROL INTERPRETIVE REPORT

Work Order	: **YL2300986**	Page	: 1 of 7
Client	: **Fortune Minerals Limited**	Laboratory	: ALS Environmental - Yellowknife
Contact	: Rick Schryer	Account Manager	: Oliver Gregg
Address	: 148 Fullarton Street London ON Canada N6A 5P2	Address	: 314 Old Airport Road, Unit 116 Yellowknife, Northwest Territories Canada X1A 3T3
Telephone	: 306 230 3019	Telephone	: 1 867 445 7143
Project	: ----	Date Samples Received	: 04-Aug-2023 12:15
PO	: ----	Issue Date	: 15-Aug-2023 15:59
C-O-C number	: 17-824209		
Sampler	: ----		
Site	: ----		
Quote number	: YL23-FMIN100-001		
No. of samples received	: 2		
No. of samples analysed	: 2		

This report is automatically generated by the ALS LIMS (Laboratory Information Management System) through evaluation of Quality Control (QC) results and other QA parameters associated with this submission, and is intended to facilitate rapid data validation by auditors or reviewers. The report highlights any exceptions and outliers to ALS Data Quality Objectives, provides holding time details and exceptions, summarizes QC sample frequencies, and lists applicable methodology references and summaries.

Key

Anonymous: Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number: Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
DQO: Data Quality Objective.
LOR: Limit of Reporting (detection limit).
RPD: Relative Percent Difference.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Summary of Outliers

Outliers : Quality Control Samples

- No Method Blank value outliers occur.
- No Duplicate outliers occur.
- No Laboratory Control Sample (LCS) outliers occur
- No Matrix Spike outliers occur.
- No Test sample Surrogate recovery outliers exist.

Outliers: Reference Material (RM) Samples

- No Reference Material (RM) Sample outliers occur.

Outliers : Analysis Holding Time Compliance (Breaches)

- Analysis Holding Time Outliers exist - please see following pages for full details.

Outliers : Frequency of Quality Control Samples

- No Quality Control Sample Frequency Outliers occur.

Analysis Holding Time Compliance

This report summarizes extraction / preparation and analysis times and compares each with ALS recommended holding times, which are selected to meet known provincial and /or federal requirements. In the absence of regulatory hold times, ALS establishes recommendations based on guidelines published by organizations such as CCME, US EPA, APHA Standard Methods, ASTM, or Environment Canada (where available). Dates and holding times reported below represent the first dates of extraction or analysis. If subsequent tests or dilutions exceeded holding times, qualifiers are added (refer to COA).

If samples are identified below as having been analyzed or extracted outside of recommended holding times, measurement uncertainties may be increased, and this should be taken into consideration when interpreting results.

Where actual sampling date is not provided on the chain of custody, the date of receipt with time at 00:00 is used for calculation purposes.

Where only the sample date without time is provided on the chain of custody, the sampling date at 00:00 is used for calculation purposes.

Matrix: **Water**

Evaluation: × = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group / Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times Rec	Holding Times Actual	Eval	Analysis Date	Holding Times Rec	Holding Times Actual	Eval
Aggregate Organics : Biochemical Oxygen Demand (BOD) 5-day										
HDPE [BOD HT-48h] SNP 5-5	BOD5	03-Aug-2023	----	----	----		05-Aug-2023	48 hrs	41 hrs	✓
Aggregate Organics : Oil & Grease by Gravimetry										
Amber glass (hydrochloric acid) SNP 5-2	E567	03-Aug-2023	11-Aug-2023	28 days	8 days	✓	13-Aug-2023	40 days	2 days	✓
Anions and Nutrients : Ammonia by Fluorescence										
Amber glass total (sulfuric acid) SNP 5-2	E298	03-Aug-2023	12-Aug-2023	28 days	9 days	✓	13-Aug-2023	28 days	10 days	✓
Anions and Nutrients : Ammonia by Fluorescence										
Amber glass total (sulfuric acid) SNP 5-5	E298	03-Aug-2023	12-Aug-2023	28 days	9 days	✓	13-Aug-2023	28 days	10 days	✓
Microbiological Tests : Fecal Coliforms in Water by MF										
Sterile HDPE (Sodium thiosulphate) SNP 5-5	FC-MF	03-Aug-2023	----	----	----		04-Aug-2023	30 hrs	24 hrs	✓
Physical Tests : Conductivity in Water										
HDPE SNP 5-2	E100	03-Aug-2023	13-Aug-2023	28 days	10 days	✓	14-Aug-2023	28 days	11 days	✓
Physical Tests : Conductivity in Water										
HDPE SNP 5-5	E100	03-Aug-2023	13-Aug-2023	28 days	10 days	✓	14-Aug-2023	28 days	11 days	✓

Matrix: **Water**

Evaluation: × = Holding time exceedance ; ✓ = Within Holding Time

Analyte Group / Container / Client Sample ID(s)	Method	Sampling Date	Extraction / Preparation				Analysis			
			Preparation Date	Holding Times Rec	Holding Times Actual	Eval	Analysis Date	Holding Times Rec	Holding Times Actual	Eval
Physical Tests : pH by Meter										
HDPE SNP 5-5	E108	03-Aug-2023	13-Aug-2023	0.25 hrs	240 hrs	× EHTR-FM	14-Aug-2023	0.25 hrs	260 hrs	× EHTR-FM
Physical Tests : pH by Meter										
HDPE SNP 5-2	E108	03-Aug-2023	13-Aug-2023	0.25 hrs	246 hrs	× EHTR-FM	14-Aug-2023	0.25 hrs	266 hrs	× EHTR-FM
Physical Tests : TDS by Gravimetry										
HDPE SNP 5-5	E162	03-Aug-2023	----	----	----		11-Aug-2023	7 days	7 days	✓
Physical Tests : TSS by Gravimetry										
HDPE SNP 5-5	E160	03-Aug-2023	----	----	----		11-Aug-2023	7 days	7 days	✓
Physical Tests : TSS by Gravimetry										
HDPE SNP 5-2	E160	03-Aug-2023	----	----	----		11-Aug-2023	7 days	8 days	× EHT
Physical Tests : Turbidity by Nephelometry										
HDPE SNP 5-2	E121	03-Aug-2023	----	----	----		11-Aug-2023	3 days	8 days	× EHT
Total Metals (Undigested) : Total Metals (undigested) in Water by CRC ICPMS (Pristine Samples)										
Pre-cleaned HDPE - total (lab preserved) SNP 5-2	E470	03-Aug-2023	14-Aug-2023	180 days	11 days	✓	14-Aug-2023	180 days	12 days	✓

Legend & Qualifier Definitions

EHTR-FM: Exceeded ALS recommended hold time prior to sample receipt. Field Measurement recommended

EHT: Exceeded ALS recommended hold time prior to analysis.

Rec. HT: ALS recommended hold time (see units).

Quality Control Parameter Frequency Compliance

The following report summarizes the frequency of laboratory QC samples analyzed within the analytical batches (QC lots) in which the submitted samples were processed. The actual frequency should be greater than or equal to the expected frequency.

Matrix: **Water**

Evaluation: × = *QC frequency outside specification*; ✓ = *QC frequency within specification.*

Quality Control Sample Type			Count		Frequency (%)		
Analytical Methods	*Method*	*QC Lot #*	*QC*	*Regular*	*Actual*	*Expected*	*Evaluation*
Laboratory Duplicates (DUP)							
Ammonia by Fluorescence	E298	1082108	1	19	5.2	5.0	✓
Conductivity in Water	E100	1083224	1	13	7.6	5.0	✓
pH by Meter	E108	1083222	1	14	7.1	5.0	✓
TDS by Gravimetry	E162	1080067	1	20	5.0	5.0	✓
Total Metals (undigested) in Water by CRC ICPMS (Pristine Samples)	E470	1084397	1	16	6.2	5.0	✓
TSS by Gravimetry	E160	1081196	2	20	10.0	5.0	✓
Turbidity by Nephelometry	E121	1081667	1	10	10.0	5.0	✓
Laboratory Control Samples (LCS)							
Ammonia by Fluorescence	E298	1082108	1	19	5.2	5.0	✓
Conductivity in Water	E100	1083224	1	13	7.6	5.0	✓
Oil & Grease by Gravimetry	E567	1081288	1	10	10.0	5.0	✓
pH by Meter	E108	1083222	1	14	7.1	5.0	✓
TDS by Gravimetry	E162	1080067	1	20	5.0	5.0	✓
Total Metals (undigested) in Water by CRC ICPMS (Pristine Samples)	E470	1084397	1	16	6.2	5.0	✓
TSS by Gravimetry	E160	1081196	2	20	10.0	5.0	✓
Turbidity by Nephelometry	E121	1081667	1	10	10.0	5.0	✓
Method Blanks (MB)							
Ammonia by Fluorescence	E298	1082108	1	19	5.2	5.0	✓
Conductivity in Water	E100	1083224	1	13	7.6	5.0	✓
Oil & Grease by Gravimetry	E567	1081288	1	10	10.0	5.0	✓
TDS by Gravimetry	E162	1080067	1	20	5.0	5.0	✓
Total Metals (undigested) in Water by CRC ICPMS (Pristine Samples)	E470	1084397	1	16	6.2	5.0	✓
TSS by Gravimetry	E160	1081196	2	20	10.0	5.0	✓
Turbidity by Nephelometry	E121	1081667	1	10	10.0	5.0	✓
Matrix Spikes (MS)							
Ammonia by Fluorescence	E298	1082108	1	19	5.2	5.0	✓
Total Metals (undigested) in Water by CRC ICPMS (Pristine Samples)	E470	1084397	1	16	6.2	5.0	✓

Methodology References and Summaries

The analytical methods used by ALS are developed using internationally recognized reference methods (where available), such as those published by US EPA, APHA Standard Methods, ASTM, ISO, Environment Canada, BC MOE, and Ontario MOE. Reference methods may incorporate modifications to improve performance (indicated by "mod").

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Biochemical Oxygen Demand (BOD) 5-day	BOD5 Taiga Environmental Laboratory - 4601 - 52nd Avenue P.O. BOX 1500 Yellowknife Northwest Territories Canada X1A 2R3	Water	SM5210B	Sample was diluted, seeded, and incubated at specified temperature for 5 days. Dissolved oxygen is measured initially and after incubation, and the BOD is computed from the difference between initial and final DO.
Conductivity in Water	E100 ALS Environmental - Vancouver	Water	APHA 2510 (mod)	Conductivity, also known as Electrical Conductivity (EC) or Specific Conductance, is measured by immersion of a conductivity cell with platinum electrodes into a water sample. Conductivity measurements are temperature-compensated to 25°C.
pH by Meter	E108 ALS Environmental - Vancouver	Water	APHA 4500-H (mod)	pH is determined by potentiometric measurement with a pH electrode, and is conducted at ambient laboratory temperature (normally 20 ± 5°C). For high accuracy test results, pH should be measured in the field within the recommended 15 minute hold time.
Turbidity by Nephelometry	E121 ALS Environmental - Vancouver	Water	APHA 2130 B (mod)	Turbidity is measured by the nephelometric method, by measuring the intensity of light scatter under defined conditions.
TSS by Gravimetry	E160 ALS Environmental - Vancouver	Water	APHA 2540 D (mod)	Total Suspended Solids (TSS) are determined by filtering a sample through a glass fibre filter, following by drying of the filter at 104 ± 1°C, with gravimetric measurement of the filtered solids. Samples containing very high dissolved solid content (i.e. seawaters, brackish waters) may produce a positive bias by this method. Alternate analysis methods are available for these types of samples.
TDS by Gravimetry	E162 ALS Environmental - Vancouver	Water	APHA 2540 C (mod)	Total Dissolved Solids (TDS) are determined by filtering a sample through a glass fibre filter, with evaporation of the filtrate at 180 ± 2°C for 16 hours or to constant weight, with gravimetric measurement of the residue.
Ammonia by Fluorescence	E298 ALS Environmental - Vancouver	Water	Method Fialab 100, 2018	Ammonia in water is determined by automated continuous flow analysis with membrane diffusion and fluorescence detection, after reaction with OPA (ortho-phthalaldehyde). This method is approved under US EPA 40 CFR Part 136 (May 2021)

Analytical Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Total Metals (undigested) in Water by CRC ICPMS (Pristine Samples)	E470 ALS Environmental - Vancouver	Water	EPA 6020B (mod)	Total metals in water are analyzed by Collision/Reaction Cell ICPMS. The detection limits provided can only be met for undigested samples. This procedure is intended for colorless, non-turbid, acid-preserved water samples (i.e. pristine water samples), having turbidity < 1 NTU and no odor. Where turbidity exceeds 1 NTU, and/or the sample is colored and has an odor, results may be biased low compared to true Total Metals concentrations. ALS recommends that turbidity analysis be requested on samples submitted for this test to aid with interpretation of results. Where turbidity is <1NTU, undigested metals are equivalent to total metals concentrations.
Oil & Grease by Gravimetry	E567 ALS Environmental - Vancouver	Water	BC MOE Lab Manual (Oil & Grease) (mod)	The entire water sample is extracted with hexane and the extract is evaporated to dryness. The residue is then weighed to determine Oil and Grease.
Hardness (Calculated) from Total Ca/Mg	EC100A ALS Environmental - Vancouver	Water	APHA 2340B	"Hardness (as CaCO3), from total Ca/Mg" is calculated from the sum of total Calcium and Magnesium concentrations, expressed in $CaCO_3$ equivalents. "Total Hardness" refers to the sum of Calcium and Magnesium Hardness. Hardness is normally or preferentially calculated from dissolved Calcium and Magnesium concentrations, because it is a property of water due to dissolved divalent cations. Hardness from total Ca/Mg is normally comparable to Dissolved Hardness in non-turbid waters.
Fecal Coliforms in Water by MF	FC-MF Taiga Environmental Laboratory - 4601 - 52nd Avenue P.O. BOX 1500 Yellowknife Northwest Territories Canada X1A 2R3	Water	APHA 9222D	See attached report.

Preparation Methods	Method / Lab	Matrix	Method Reference	Method Descriptions
Preparation for Ammonia	EP298 ALS Environmental - Vancouver	Water		Sample preparation for Preserved Nutrients Water Quality Analysis.
Oil & Grease Extraction for Gravimetry	EP567 ALS Environmental - Vancouver	Water	BC MOE Lab Manual (Oil & Grease) (mod)	The entire water sample is extracted with hexane by liquid-liquid extraction.

QUALITY CONTROL REPORT

Work Order	: **YL2300986**	Page	: 1 of 10
Client	: Fortune Minerals Limited	Laboratory	: ALS Environmental - Yellowknife
Contact	: Rick Schryer	Account Manager	: Oliver Gregg
Address	: 148 Fullarton Street London ON Canada N6A 5P2	Address	: 314 Old Airport Road, Unit 116 Yellowknife, Northwest Territories Canada X1A 3T3
Telephone	:	Telephone	: 1 867 445 7143
Project	: ----	Date Samples Received	: 04-Aug-2023 12:15
PO	: ----	Date Analysis Commenced	: 04-Aug-2023
C-O-C number	: 17-824209	Issue Date	: 15-Aug-2023 16:01
Sampler	: ---- 306 230 3019		
Site	: ----		
Quote number	: YL23-FMIN100-001		
No. of samples received	: 2		
No. of samples analysed	: 2		

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. This document shall not be reproduced, except in full.

This Quality Control Report contains the following information:

- Laboratory Duplicate (DUP) Report; Relative Percent Difference (RPD) and Data Quality Objectives
- Matrix Spike (MS) Report; Recovery and Data Quality Objectives
- Method Blank (MB) Report; Recovery and Data Quality Objectives
- Laboratory Control Sample (LCS) Report; Recovery and Data Quality Objectives

Signatories

This document has been electronically signed by the authorized signatories below. Electronic signing is conducted in accordance with US FDA 21 CFR Part 11.

Signatories	*Position*	*Laboratory Department*
Janice Leung	Supervisor - Organics Instrumentation	Vancouver Organics, Burnaby, British Columbia
Lindsay Gung	Supervisor - Water Chemistry	Vancouver Inorganics, Burnaby, British Columbia
Oliver Gregg	Client Services Supervisor	Taiga Environmental Laboratory External Subcontracting, Yellowknife, Northwest Territories
Robin Weeks	Team Leader - Metals	Vancouver Inorganics, Burnaby, British Columbia
Robin Weeks	Team Leader - Metals	Vancouver Metals, Burnaby, British Columbia

General Comments

The ALS Quality Control (QC) report is optionally provided to ALS clients upon request. ALS test methods include comprehensive QC checks with every analysis to ensure our high standards of quality are met. Each QC result has a known or expected target value, which is compared against predetermined Data Quality Objectives (DQOs) to provide confidence in the accuracy of associated test results. This report contains detailed results for all QC results applicable to this sample submission. Please refer to the ALS Quality Control Interpretation report (QCI) for applicable method references and methodology summaries.

Key :

Anonymous = Refers to samples which are not part of this work order, but which formed part of the QC process lot.
CAS Number = Chemical Abstracts Service number is a unique identifier assigned to discrete substances.
DQO = Data Quality Objective.
LOR = Limit of Reporting (detection limit).
RPD = Relative Percent Difference
# = Indicates a QC result that did not meet the ALS DQO.

Workorder Comments

Holding times are displayed as "---" if no guidance exists from CCME, Canadian provinces, or broadly recognized international references.

Laboratory Duplicate (DUP) Report

A Laboratory Duplicate (DUP) is a randomly selected intralaboratory replicate sample. Laboratory Duplicates provide information regarding method precision and sample heterogeneity. ALS DQOs for Laboratory Duplicates are expressed as test-specific limits for Relative Percent Difference (RPD), or as an absolute difference limit of 2 times the LOR for low concentration duplicates within ~ 4-10 times the LOR (cut-off is test-specific).

Sub-Matrix: **Water**

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	*Client sample ID*	*Analyte*	*CAS Number*	*Method*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD(%) or Difference*	*Duplicate Limits*	*Qualifier*
Physical Tests (QC Lot: 1080067)											
VA23B8288-016	Anonymous	Solids, total dissolved [TDS]	----	E162	20	mg/L	3610	3340	7.59%	20%	----
Physical Tests (QC Lot: 1080078)											
VA23B8288-014	Anonymous	Solids, total suspended [TSS]	----	E160	3.0	mg/L	6.5	8.1	1.6	Diff <2x LOR	----
Physical Tests (QC Lot: 1081196)											
VA23B8351-004	Anonymous	Solids, total suspended [TSS]	----	E160	3.0	mg/L	<3.0	<3.0	0	Diff <2x LOR	----
Physical Tests (QC Lot: 1081667)											
VA23B8499-007	Anonymous	Turbidity	----	E121	0.10	NTU	1.55	1.55	0.129%	15%	----
Physical Tests (QC Lot: 1083222)											
FJ2302002-003	Anonymous	pH	----	E108	0.10	pH units	7.98	7.99	0.125%	4%	----
Physical Tests (QC Lot: 1083224)											
FJ2302002-003	Anonymous	Conductivity	----	E100	2.0	µS/cm	182	182	0.0550%	10%	----
Anions and Nutrients (QC Lot: 1082108)											
FJ2301966-027	Anonymous	Ammonia, total (as N)	7664-41-7	E298	0.0050	mg/L	<0.0050	<0.0050	0	Diff <2x LOR	----
Total Metals (Undigested) (QC Lot: 1084397)											
VA23B8479-001	Anonymous	Aluminum, total	7429-90-5	E470	0.0010	mg/L	0.140	0.141	0.505%	20%	----
		Antimony, total	7440-36-0	E470	0.000020	mg/L	<0.000020	<0.000020	0	Diff <2x LOR	----
		Arsenic, total	7440-38-2	E470	0.000020	mg/L	0.000046	0.000047	0.0000009	Diff <2x LOR	----
		Barium, total	7440-39-3	E470	0.000020	mg/L	0.00300	0.00306	2.02%	20%	----
		Beryllium, total	7440-41-7	E470	0.0000100	mg/L	<0.0000100	<0.0000100	0	Diff <2x LOR	----
		Bismuth, total	7440-69-9	E470	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Boron, total	7440-42-8	E470	0.0050	mg/L	<0.0050	<0.0050	0	Diff <2x LOR	----
		Cadmium, total	7440-43-9	E470	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Calcium, total	7440-70-2	E470	0.010	mg/L	0.442	0.446	0.903%	20%	----
		Cesium, total	7440-46-2	E470	0.0000050	mg/L	0.0000052	<0.0000050	0.0000002	Diff <2x LOR	----
		Chromium, total	7440-47-3	E470	0.00010	mg/L	<0.00010	0.00011	0.000010	Diff <2x LOR	----
		Cobalt, total	7440-48-4	E470	0.0000050	mg/L	0.0000564	0.0000577	2.26%	20%	----
		Copper, total	7440-50-8	E470	0.000050	mg/L	0.000128	0.000129	0.000001	Diff <2x LOR	----
		Gallium, total	7440-55-3	E470	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Iron, total	7439-89-6	E470	0.0010	mg/L	0.138	0.138	0.0621%	20%	----
		Lanthanum, total	7439-91-0	E470	0.000010	mg/L	0.000026	0.000025	0.0000004	Diff <2x LOR	----

Sub-Matrix: **Water**

					Laboratory Duplicate (DUP) Report						
Laboratory sample ID	*Client sample ID*	*Analyte*	*CAS Number*	*Method*	*LOR*	*Unit*	*Original Result*	*Duplicate Result*	*RPD(%) or Difference*	*Duplicate Limits*	*Qualifier*
Total Metals (Undigested) (QC Lot: 1084397) - continued											
VA23B8479-001	Anonymous	Lead, total	7439-92-1	E470	0.000010	mg/L	0.000019	0.000019	0.0000003	Diff <2x LOR	----
		Lithium, total	7439-93-2	E470	0.00050	mg/L	<0.00050	<0.00050	0	Diff <2x LOR	----
		Magnesium, total	7439-95-4	E470	0.0100	mg/L	0.177	0.177	0.00247%	20%	----
		Manganese, total	7439-96-5	E470	0.000050	mg/L	0.00502	0.00500	0.397%	20%	----
		Molybdenum, total	7439-98-7	E470	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Nickel, total	7440-02-0	E470	0.000050	mg/L	0.000096	0.000107	0.000011	Diff <2x LOR	----
		Niobium, total	7440-03-1	E470	0.00010	mg/L	<0.00010	<0.00010	0	Diff <2x LOR	----
		Phosphorus, total	7723-14-0	E470	0.050	mg/L	<0.050	<0.050	0	Diff <2x LOR	----
		Potassium, total	7440-09-7	E470	0.020	mg/L	0.140	0.140	0.0003	Diff <2x LOR	----
		Rhenium, total	7440-15-5	E470	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Rubidium, total	7440-17-7	E470	0.0000050	mg/L	0.000265	0.000263	0.710%	20%	----
		Selenium, total	7782-49-2	E470	0.000040	mg/L	0.000040	<0.000040	0.0000005	Diff <2x LOR	----
		Silicon, total	7440-21-3	E470	0.050	mg/L	0.620	0.595	4.04%	20%	----
		Silver, total	7440-22-4	E470	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Sodium, total	7440-23-5	E470	0.020	mg/L	1.18	1.17	0.884%	20%	----
		Strontium, total	7440-24-6	E470	0.000050	mg/L	0.00410	0.00410	0.150%	20%	----
		Sulfur, total	7704-34-9	E470	0.50	mg/L	<0.50	<0.50	0	Diff <2x LOR	----
		Tantalum, total	7440-25-7	E470	0.00010	mg/L	<0.00010	<0.00010	0	Diff <2x LOR	----
		Tellurium, total	13494-80-9	E470	0.000020	mg/L	<0.000020	<0.000020	0	Diff <2x LOR	----
		Thallium, total	7440-28-0	E470	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Thorium, total	7440-29-1	E470	0.0000050	mg/L	<0.0000050	<0.0000050	0	Diff <2x LOR	----
		Tin, total	7440-31-5	E470	0.000050	mg/L	<0.000050	<0.000050	0	Diff <2x LOR	----
		Tungsten, total	7440-33-7	E470	0.000010	mg/L	<0.000010	<0.000010	0	Diff <2x LOR	----
		Uranium, total	7440-61-1	E470	0.0000020	mg/L	0.0000022	0.0000026	0.0000004	Diff <2x LOR	----
		Vanadium, total	7440-62-2	E470	0.000200	mg/L	0.000305	0.000308	0.000003	Diff <2x LOR	----
		Yttrium, total	7440-65-5	E470	0.000010	mg/L	0.000026	0.000024	0.000002	Diff <2x LOR	----
		Zinc, total	7440-66-6	E470	0.00050	mg/L	0.00109	0.00112	0.00004	Diff <2x LOR	----
		Zirconium, total	7440-67-7	E470	0.000010	mg/L	0.000016	0.000014	0.000002	Diff <2x LOR	----

Method Blank (MB) Report

A Method Blank is an analyte-free matrix that undergoes sample processing identical to that carried out for test samples. Method Blank results are used to monitor and control for potential contamination from the laboratory environment and reagents. For most tests, the DQO for Method Blanks is for the result to be < LOR.

Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Physical Tests (QCLot: 1080067)						
Solids, total dissolved [TDS]	----	E162	10	mg/L	<10	----
Physical Tests (QCLot: 1080078)						
Solids, total suspended [TSS]	----	E160	3	mg/L	<3.0	----
Physical Tests (QCLot: 1081196)						
Solids, total suspended [TSS]	----	E160	3	mg/L	<3.0	----
Physical Tests (QCLot: 1081667)						
Turbidity	----	E121	0.1	NTU	<0.10	----
Physical Tests (QCLot: 1083224)						
Conductivity	----	E100	1	µS/cm	1.0	----
Anions and Nutrients (QCLot: 1082108)						
Ammonia, total (as N)	7664-41-7	E298	0.005	mg/L	<0.0050	----
Total Metals (Undigested) (QCLot: 1084397)						
Aluminum, total	7429-90-5	E470	0.001	mg/L	<0.0010	----
Antimony, total	7440-36-0	E470	0.00002	mg/L	<0.000020	----
Arsenic, total	7440-38-2	E470	0.00002	mg/L	<0.000020	----
Barium, total	7440-39-3	E470	0.00002	mg/L	<0.000020	----
Beryllium, total	7440-41-7	E470	0.000005	mg/L	<0.0000050	----
Bismuth, total	7440-69-9	E470	0.000005	mg/L	<0.0000050	----
Boron, total	7440-42-8	E470	0.005	mg/L	<0.0050	----
Cadmium, total	7440-43-9	E470	0.000005	mg/L	<0.0000050	----
Calcium, total	7440-70-2	E470	0.01	mg/L	<0.010	----
Cesium, total	7440-46-2	E470	0.000005	mg/L	<0.0000050	----
Chromium, total	7440-47-3	E470	0.0001	mg/L	<0.00010	----
Cobalt, total	7440-48-4	E470	0.000005	mg/L	<0.0000050	----
Copper, total	7440-50-8	E470	0.00005	mg/L	<0.000050	----
Gallium, total	7440-55-3	E470	0.00005	mg/L	<0.000050	----
Iron, total	7439-89-6	E470	0.001	mg/L	<0.0010	----
Lanthanum, total	7439-91-0	E470	0.00001	mg/L	<0.000010	----
Lead, total	7439-92-1	E470	0.00001	mg/L	<0.000010	----
Lithium, total	7439-93-2	E470	0.0005	mg/L	<0.00050	----
Magnesium, total	7439-95-4	E470	0.004	mg/L	<0.0040	----
Manganese, total	7439-96-5	E470	0.00005	mg/L	<0.000050	----

Sub-Matrix: **Water**

Analyte	CAS Number	Method	LOR	Unit	Result	Qualifier
Total Metals (Undigested) (QCLot: 1084397) - continued						
Molybdenum, total	7439-98-7	E470	0.00005	mg/L	<0.000050	----
Nickel, total	7440-02-0	E470	0.00005	mg/L	<0.000050	----
Niobium, total	7440-03-1	E470	0.0001	mg/L	<0.00010	----
Phosphorus, total	7723-14-0	E470	0.05	mg/L	<0.050	----
Potassium, total	7440-09-7	E470	0.02	mg/L	<0.020	----
Rhenium, total	7440-15-5	E470	0.000005	mg/L	<0.0000050	----
Rubidium, total	7440-17-7	E470	0.000005	mg/L	<0.0000050	----
Selenium, total	7782-49-2	E470	0.00004	mg/L	<0.000040	----
Silicon, total	7440-21-3	E470	0.05	mg/L	<0.050	----
Silver, total	7440-22-4	E470	0.000005	mg/L	<0.0000050	----
Sodium, total	7440-23-5	E470	0.02	mg/L	<0.020	----
Strontium, total	7440-24-6	E470	0.00002	mg/L	<0.000020	----
Sulfur, total	7704-34-9	E470	0.5	mg/L	<0.50	----
Tantalum, total	7440-25-7	E470	0.0001	mg/L	<0.00010	----
Tellurium, total	13494-80-9	E470	0.00002	mg/L	<0.000020	----
Thallium, total	7440-28-0	E470	0.000005	mg/L	<0.0000050	----
Thorium, total	7440-29-1	E470	0.000005	mg/L	<0.0000050	----
Tin, total	7440-31-5	E470	0.00002	mg/L	<0.000020	----
Titanium, total	7440-32-6	E470	0.00005	mg/L	<0.000050	----
Tungsten, total	7440-33-7	E470	0.00001	mg/L	<0.000010	----
Uranium, total	7440-61-1	E470	0.000001	mg/L	<0.0000010	----
Vanadium, total	7440-62-2	E470	0.00005	mg/L	<0.000050	----
Yttrium, total	7440-65-5	E470	0.00001	mg/L	<0.000010	----
Zinc, total	7440-66-6	E470	0.0005	mg/L	<0.00050	----
Zirconium, total	7440-67-7	E470	0.00001	mg/L	<0.000010	----
Aggregate Organics (QCLot: 1081288)						
Oil & grease (gravimetric)	----	E567	5	mg/L	<5.0	----

Laboratory Control Sample (LCS) Report

A Laboratory Control Sample (LCS) is an analyte-free matrix that has been fortified (spiked) with test analytes at known concentration and processed in an identical manner to test samples. LCS results are expressed as percent recovery, and are used to monitor and control test method accuracy and precision, independent of test sample matrix.

Sub-Matrix: **Water**

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Concentration	LCS	Low	High	Qualifier
Physical Tests (QCLot: 1080067)									
Solids, total dissolved [TDS]	----	E162	10	mg/L	1000 mg/L	110	85.0	115	----
Physical Tests (QCLot: 1080078)									
Solids, total suspended [TSS]	----	E160	3	mg/L	150 mg/L	94.2	85.0	115	----
Physical Tests (QCLot: 1081196)									
Solids, total suspended [TSS]	----	E160	3	mg/L	150 mg/L	95.5	85.0	115	----
Physical Tests (QCLot: 1081667)									
Turbidity	----	E121	0.1	NTU	200 NTU	98.5	85.0	115	----
Physical Tests (QCLot: 1083222)									
pH	----	E108	----	pH units	7 pH units	100	98.0	102	----
Physical Tests (QCLot: 1083224)									
Conductivity	----	E100	1	µS/cm	146.9 µS/cm	100	90.0	110	----
Anions and Nutrients (QCLot: 1082108)									
Ammonia, total (as N)	7664-41-7	E298	0.005	mg/L	0.2 mg/L	107	85.0	115	----
Total Metals (Undigested) (QCLot: 1084397)									
Aluminum, total	7429-90-5	E470	0.001	mg/L	2 mg/L	99.2	80.0	120	----
Antimony, total	7440-36-0	E470	0.00002	mg/L	1 mg/L	108	80.0	120	----
Arsenic, total	7440-38-2	E470	0.00002	mg/L	1 mg/L	105	80.0	120	----
Barium, total	7440-39-3	E470	0.00002	mg/L	0.25 mg/L	101	80.0	120	----
Beryllium, total	7440-41-7	E470	0.000005	mg/L	0.1 mg/L	102	80.0	120	----
Bismuth, total	7440-69-9	E470	0.000005	mg/L	1 mg/L	100	80.0	120	----
Boron, total	7440-42-8	E470	0.005	mg/L	1 mg/L	96.5	80.0	120	----
Cadmium, total	7440-43-9	E470	0.000005	mg/L	0.1 mg/L	102	80.0	120	----
Calcium, total	7440-70-2	E470	0.01	mg/L	50 mg/L	97.6	80.0	120	----
Cesium, total	7440-46-2	E470	0.000005	mg/L	0.05 mg/L	96.6	80.0	120	----
Chromium, total	7440-47-3	E470	0.0001	mg/L	0.25 mg/L	102	80.0	120	----
Cobalt, total	7440-48-4	E470	0.000005	mg/L	0.25 mg/L	97.5	80.0	120	----
Copper, total	7440-50-8	E470	0.00005	mg/L	0.25 mg/L	95.1	80.0	120	----
Gallium, total	7440-55-3	E470	0.00005	mg/L	0.25 mg/L	97.8	80.0	120	----
Iron, total	7439-89-6	E470	0.001	mg/L	1 mg/L	99.2	80.0	120	----
Lanthanum, total	7439-91-0	E470	0.00001	mg/L	0.1 mg/L	102	80.0	120	----
Lead, total	7439-92-1	E470	0.00001	mg/L	0.5 mg/L	103	80.0	120	----

Sub-Matrix: **Water**

					Laboratory Control Sample (LCS) Report				
					Spike	Recovery (%)	Recovery Limits (%)		
Analyte	CAS Number	Method	LOR	Unit	Concentration	LCS	Low	High	Qualifier
Total Metals (Undigested) (QCLot: 1084397) - continued									
Lithium, total	7439-93-2	E470	0.0005	mg/L	0.25 mg/L	102	80.0	120	----
Magnesium, total	7439-95-4	E470	0.004	mg/L	50 mg/L	97.0	80.0	120	----
Manganese, total	7439-96-5	E470	0.00005	mg/L	0.25 mg/L	97.8	80.0	120	----
Molybdenum, total	7439-98-7	E470	0.00005	mg/L	0.25 mg/L	96.8	80.0	120	----
Nickel, total	7440-02-0	E470	0.00005	mg/L	0.5 mg/L	96.5	80.0	120	----
Niobium, total	7440-03-1	E470	0.0001	mg/L	0.05 mg/L	94.9	80.0	120	----
Phosphorus, total	7723-14-0	E470	0.05	mg/L	10 mg/L	100	80.0	120	----
Potassium, total	7440-09-7	E470	0.02	mg/L	50 mg/L	97.2	80.0	120	----
Rhenium, total	7440-15-5	E470	0.000005	mg/L	0.1 mg/L	100	80.0	120	----
Rubidium, total	7440-17-7	E470	0.000005	mg/L	0.1 mg/L	94.0	80.0	120	----
Selenium, total	7782-49-2	E470	0.00004	mg/L	1 mg/L	101	80.0	120	----
Silicon, total	7440-21-3	E470	0.05	mg/L	10 mg/L	104	80.0	120	----
Silver, total	7440-22-4	E470	0.000005	mg/L	0.1 mg/L	97.6	80.0	120	----
Sodium, total	7440-23-5	E470	0.02	mg/L	50 mg/L	98.1	80.0	120	----
Strontium, total	7440-24-6	E470	0.00002	mg/L	0.25 mg/L	98.0	80.0	120	----
Sulfur, total	7704-34-9	E470	0.5	mg/L	50 mg/L	105	80.0	120	----
Tantalum, total	7440-25-7	E470	0.0001	mg/L	0.1 mg/L	97.3	80.0	120	----
Tellurium, total	13494-80-9	E470	0.00002	mg/L	0.1 mg/L	101	80.0	120	----
Thallium, total	7440-28-0	E470	0.000005	mg/L	1 mg/L	100	80.0	120	----
Thorium, total	7440-29-1	E470	0.000005	mg/L	0.1 mg/L	95.6	80.0	120	----
Tin, total	7440-31-5	E470	0.00002	mg/L	0.5 mg/L	102	80.0	120	----
Titanium, total	7440-32-6	E470	0.00005	mg/L	0.25 mg/L	99.5	80.0	120	----
Tungsten, total	7440-33-7	E470	0.00001	mg/L	0.1 mg/L	102	80.0	120	----
Uranium, total	7440-61-1	E470	0.000001	mg/L	0.005 mg/L	99.7	80.0	120	----
Vanadium, total	7440-62-2	E470	0.00005	mg/L	0.5 mg/L	106	80.0	120	----
Yttrium, total	7440-65-5	E470	0.00001	mg/L	0.1 mg/L	100	80.0	120	----
Zinc, total	7440-66-6	E470	0.0005	mg/L	0.5 mg/L	97.0	80.0	120	----
Zirconium, total	7440-67-7	E470	0.00001	mg/L	0.1 mg/L	99.5	80.0	120	----
Aggregate Organics (QCLot: 1081288)									
Oil & grease (gravimetric)	----	E567	5	mg/L	100 mg/L	98.9	70.0	130	----

Matrix Spike (MS) Report

A Matrix Spike (MS) is a randomly selected intra-laboratory replicate sample that has been fortified (spiked) with test analytes at known concentration, and processed in an identical manner to test samples. Matrix Spikes provide information regarding analyte recovery and potential matrix effects. MS DQO exceedances due to sample matrix may sometimes be unavoidable; in such cases, test results for the associated sample (or similar samples) may be subject to bias. ND – Recovery not determined, background level >= 1x spike level.

Sub-Matrix: **Water**

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Anions and Nutrients (QCLot: 1082108)										
FJ2301967-005	Anonymous	Ammonia, total (as N)	7664-41-7	E298	0.0930 mg/L	0.1 mg/L	93.0	75.0	125	----
Total Metals (Undigested) (QCLot: 1084397)										
VA23B8479-002	Anonymous	Aluminum, total	7429-90-5	E470	0.182 mg/L	0.2 mg/L	91.1	70.0	130	----
		Antimony, total	7440-36-0	E470	0.0203 mg/L	0.02 mg/L	102	70.0	130	----
		Arsenic, total	7440-38-2	E470	0.0205 mg/L	0.02 mg/L	102	70.0	130	----
		Barium, total	7440-39-3	E470	0.0195 mg/L	0.02 mg/L	97.3	70.0	130	----
		Beryllium, total	7440-41-7	E470	0.0436 mg/L	0.04 mg/L	109	70.0	130	----
		Bismuth, total	7440-69-9	E470	0.00826 mg/L	0.01 mg/L	82.6	70.0	130	----
		Boron, total	7440-42-8	E470	0.103 mg/L	0.1 mg/L	103	70.0	130	----
		Cadmium, total	7440-43-9	E470	0.00412 mg/L	0.004 mg/L	103	70.0	130	----
		Calcium, total	7440-70-2	E470	3.91 mg/L	4 mg/L	97.9	70.0	130	----
		Cesium, total	7440-46-2	E470	0.00970 mg/L	0.01 mg/L	97.0	70.0	130	----
		Chromium, total	7440-47-3	E470	0.0406 mg/L	0.04 mg/L	102	70.0	130	----
		Cobalt, total	7440-48-4	E470	0.0204 mg/L	0.02 mg/L	102	70.0	130	----
		Copper, total	7440-50-8	E470	0.0191 mg/L	0.02 mg/L	95.6	70.0	130	----
		Gallium, total	7440-55-3	E470	0.00241 mg/L	0.0025 mg/L	96.5	70.0	130	----
		Iron, total	7439-89-6	E470	1.96 mg/L	2 mg/L	97.9	70.0	130	----
		Lanthanum, total	7439-91-0	E470	0.00249 mg/L	0.0025 mg/L	99.6	70.0	130	----
		Lead, total	7439-92-1	E470	0.0198 mg/L	0.02 mg/L	99.2	70.0	130	----
		Lithium, total	7439-93-2	E470	0.105 mg/L	0.1 mg/L	105	70.0	130	----
		Magnesium, total	7439-95-4	E470	0.962 mg/L	1 mg/L	96.2	70.0	130	----
		Manganese, total	7439-96-5	E470	0.0193 mg/L	0.02 mg/L	96.5	70.0	130	----
		Molybdenum, total	7439-98-7	E470	0.0188 mg/L	0.02 mg/L	94.2	70.0	130	----
		Nickel, total	7440-02-0	E470	0.0389 mg/L	0.04 mg/L	97.2	70.0	130	----
		Niobium, total	7440-03-1	E470	0.00234 mg/L	0.0025 mg/L	93.7	70.0	130	----
		Phosphorus, total	7723-14-0	E470	10.2 mg/L	10 mg/L	102	70.0	130	----
		Potassium, total	7440-09-7	E470	3.86 mg/L	4 mg/L	96.6	70.0	130	----
		Rhenium, total	7440-15-5	E470	0.00243 mg/L	0.0025 mg/L	97.4	70.0	130	----
		Rubidium, total	7440-17-7	E470	0.0192 mg/L	0.02 mg/L	96.2	70.0	130	----
		Selenium, total	7782-49-2	E470	0.0454 mg/L	0.04 mg/L	113	70.0	130	----
		Silicon, total	7440-21-3	E470	8.97 mg/L	10 mg/L	89.7	70.0	130	----

Sub-Matrix: **Water**

					Matrix Spike (MS) Report					
					Spike		Recovery (%)	Recovery Limits (%)		
Laboratory sample ID	Client sample ID	Analyte	CAS Number	Method	Concentration	Target	MS	Low	High	Qualifier
Total Metals (Undigested) (QCLot: 1084397) - continued										
VA23B8479-002	Anonymous	Silver, total	7440-22-4	E470	0.00393 mg/L	0.004 mg/L	98.2	70.0	130	----
		Sodium, total	7440-23-5	E470	1.88 mg/L	2 mg/L	94.0	70.0	130	----
		Strontium, total	7440-24-6	E470	0.0195 mg/L	0.02 mg/L	97.4	70.0	130	----
		Sulfur, total	7704-34-9	E470	19.9 mg/L	20 mg/L	99.7	70.0	130	----
		Tantalum, total	7440-25-7	E470	0.00231 mg/L	0.0025 mg/L	92.3	70.0	130	----
		Tellurium, total	13494-80-9	E470	0.0459 mg/L	0.04 mg/L	115	70.0	130	----
		Thallium, total	7440-28-0	E470	0.00373 mg/L	0.004 mg/L	93.3	70.0	130	----
		Thorium, total	7440-29-1	E470	0.0182 mg/L	0.02 mg/L	91.3	70.0	130	----
		Tin, total	7440-31-5	E470	0.0199 mg/L	0.02 mg/L	99.3	70.0	130	----
		Titanium, total	7440-32-6	E470	0.0382 mg/L	0.04 mg/L	95.6	70.0	130	----
		Tungsten, total	7440-33-7	E470	0.0191 mg/L	0.02 mg/L	95.4	70.0	130	----
		Uranium, total	7440-61-1	E470	0.00382 mg/L	0.004 mg/L	95.5	70.0	130	----
		Vanadium, total	7440-62-2	E470	0.104 mg/L	0.1 mg/L	104	70.0	130	----
		Yttrium, total	7440-65-5	E470	0.00248 mg/L	0.0025 mg/L	99.4	70.0	130	----
		Zinc, total	7440-66-6	E470	0.454 mg/L	0.4 mg/L	114	70.0	130	----
		Zirconium, total	7440-67-7	E470	0.0383 mg/L	0.04 mg/L	95.8	70.0	130	----

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 231246

- FINAL REPORT -

Prepared For: ALS Environmental

Address: 314 Old Airport Road
Unit 116
Yellowknife,NT
X1A 2R1

Attn: Oliver Gregg **Facsimile:**

Final report has been reviewed and approved by:

Glen Hudy
Quality Assurance Officer

NOTES:

- Test methods and data are validated by the laboratory's Quality Assurance Program. Taiga Environmental Laboratory is accredited by the Canadian Association for Laboratory Accreditation Inc. (CALA) to ISO/IEC 17025 as a testing laboratory for specific tests registered with CALA.
- Routine methods are based on recognized procedures from sources such as
  - Standard Methods for the Examination of Water and Wastewater APHA AWWA WEF;
  - Environment Canada
  - USEPA
- Samples shall be kept for thirty (30) days after the final report is issued. All microbiological samples shall be disposed of immediately upon completion of analysis to minimize biohazardous risks to laboratory personnel. Please contact the laboratory if you have any special requirements.
- Results are based on the specific tests at the time of analysis, does not represent the conditions during sampling and relates only to the items tested.

ReportDate: August 11, 2023
Print Date: *August 11, 2023*

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 231246

- CERTIFICATE OF ANALYSIS -

Client Sample ID: YL2300986-002 SNP 5-5 **Taiga Sample ID:** 001

Client Project:
Sample Type: Water
Received Date: 04-Aug-23
Sampling Date: 03-Aug-23
Sampling Time: 16:00
Location:
Report Status: **Final**

Test Parameter	Result	Detection Limit	Units	Analysis Date	Analytical Method *	Qualifer
Inorganics - Nutrients						
Biochemical Oxygen Demand	6	2	mg/L	05-Aug-23	TEL019	6
Microbiology						
Coliforms, Fecal	1	1	CFU/100mL	04-Aug-23	TEL017	6

ReportDate: August 11, 2023
Print Date: ***August 11, 2023***

Taiga Environmental Laboratory
4601-52nd Ave., Box 1320, Yellowknife, NT. X1A 2L9
Tel: (867)-767-9235 Fax: (867)-920-8740

Taiga Batch No.: 231246

- CERTIFICATE OF ANALYSIS -

Client Sample ID: YL2300986-002 SNP 5-5 **Taiga Sample ID:** 001

- DATA QUALIFERS -

Data Qualifier Descriptions:

6 *Sample received above the recommended temperature*

*** Taiga analytical methods are based on the following standard analytical methods**

SM - Standard Methods for the Examination of Water and Wastewater

EPA - United States Environmental Protection Agency

ReportDate: August 11, 2023
Print Date: ***August 11, 2023***

ALS Environmental

www.alsglobal.com

Chain of Custody (COC) / Analytical Request Form

Canada Toll Free: 1 800 668 9878

Affix ALS barcode label here
(lab use only)

COC Number: 17 - 824209

Page of

Report To	Contact and company name below will appear on the final report
Company:	FORTUNE MINERALS LIMITED
Contact:	RICK SCHRYER
Phone:	1-306-230-3019
	Company address below will appear on the final report
Street:	617 WELLINGTON ST.
City/Province:	LONDON, ONTARIO
Postal Code:	N6A 3R6
Invoice To	Same as Report To [X] YES [ ] NO
	Copy of Invoice with Report [X] YES [ ] NO
Company:	FORTUNE MINERALS LIMITED
Contact:	RICK SCHRYER

Report Format / Distribution

Select Report Format: [X] PDF [ ] EXCEL [ ] EDD (DIGITAL)
Quality Control (QC) Report with Report [X] YES [ ] NO
[ ] Compare Results to Criteria on Report - provide details below if box checked
Select Distribution: [X] EMAIL [ ] MAIL [ ] FAX
Email 1 or Fax: rschryer@FORTUNEMINERALS.com
Email 2
Email 3

Invoice Distribution

Select Invoice Distribution: [X] EMAIL [ ] MAIL [ ] FAX
Email 1 or Fax: rschryer@FORTUNEMINERALS.com
Email 2

Select Service Level Below - Contact your AM to confirm all E&P TATs (surcharges may apply)

Regular [R] [X] Standard TAT if received by 3 pm - business days - no surcharges apply

PRIORITY (Business Days): 4 day [P4-20%] [ ] | 3 day [P3-25%] [ ] | 2 day [P2-50%] [ ]

EMERGENCY: 1 Business day [E - 100%] [ ] | Same Day, Weekend or Statutory holiday [E2 -200% (Laboratory opening fees may apply)] [ ]

Date and Time Required for all E&P TATs: dd-mmm-yy hh:mm

For tests that can not be performed according to the service level selected, you will be contacted.

Project Information

ALS Account # / Quote #:
Job #:
PO / AFE:
LSD:

Oil and Gas Required Fields (client use)

AFE/Cost Center: PO#
Major/Minor Code: Routing Code:
Requisitioner:
Location:

ALS Lab Work Order # (lab use only):

ALS Contact: **Sampler:**

Analysis Request

Indicate Filtered (F), Preserved (P) or Filtered and Preserved (F/P) below

ALS Sample # (lab use only)	Sample Identification and/or Coordinates (This description will appear on the report)	Date (dd-mmm-yy)	Time (hh:mm)	Sample Type	NUMBER OF CONTAINERS	NUTRIENTS	TOTAL METALS	OIL & GREASE	ROUTINE	SAMPLES ON HOLD	SUSPECTED HAZARD (see Special Instructions)
	SMP 5-2	03/08/23	10:00	WATER	1	X	X	X	X		
	SMP 5-5	03/08/23	16:00	WATER	1	X					

Environmental Division
Yellowknife
Work Order Reference
YL2300986

Telephone : +1 867 873 5593

Drinking Water (DW) Samples[1] (client use)

Are samples taken from a Regulated DW System?
[ ] YES [X] NO
Are samples for human consumption/ use?
[ ] YES [X] NO

Special Instructions / Specify Criteria to add on report by clicking on the drop-down list below (electronic COC only)

SAMPLE CONDITION AS RECEIVED (lab use only)

Frozen [ ] SIF Observations Yes [ ] No [ ]
Ice Packs [ ] Ice Cubes [ ] Custody seal intact Yes [ ] No [ ]
Cooling Initiated [ ]

INITIAL COOLER TEMPERATURES °C			FINAL COOLER TEMPERATURES °C		
15.4					

SHIPMENT RELEASE (client use)

Released by:	Date:	Time:

INITIAL SHIPMENT RECEPTION (lab use only)

Received by:	Date:	Time:
MA	Aug 4/23	11:15

FINAL SHIPMENT RECEPTION (lab use only)

Received by:	Date:	Time:

REFER TO BACK PAGE FOR ALS LOCATIONS AND SAMPLING INFORMATION

WHITE - LABORATORY COPY YELLOW - CLIENT COPY

JUNE 2018 FRONT

1. If any water samples are taken from a **Regulated Drinking Water (DW) System**, please submit using an **Authorized DW COC form**.